

AMENDMENTS TO THE CLAIMS

- 1 (Currently amended). A device ~~for mixing a bone filling material~~ comprising:
a receptacle having an interior for receiving components of ~~the~~ a bone filling material in an unmixed condition, the receptacle including a first end region and a second end region oppositely spaced from the first end region;
a mixing element insertable into the interior of the receptacle through the first end region to mix the components;
an actuator sized to be fitted to the first end region for operating the mixing element to mix the components of the bone filling material within the interior of the receptacle including a drive member and a driven member coupled to the drive member and removably coupled to the mixing element;
a dispenser outlet formed adjacent the second end region and communicating with the interior of the receptacle; and
a plunger insertable into the interior of the receptacle through the first end region and advanceable through the interior receptacle toward the second end region to dispense bone filling material through the dispenser outlet from the receptacle.
- 2 (Original) A device as in claim 1, wherein the mixing element comprises a paddle that mixes the components in response to rotation.
- 3 (Currently Amended). A device as in claim 2, wherein the ~~drive member~~ actuator rotates the paddle.
- 4 (Currently Amended). A device as in claim 1, wherein the mixing element includes structure to promote mixing of the components within the interior of the receptacle.
- 5 (Original). A device as in claim 4, wherein the structure comprises a plurality of apertures.
- 6 to 8 (Canceled)
- 9 (Currently Amended). A device as in claim 8 1, wherein the dispenser outlet comprises a ~~nozzle~~ luer fitting.
- 10 to 14 (Canceled).
- 15 (Currently Amended). A device as in claim 1, wherein the ~~drive member~~ actuator is operable manually.
- 16 (Canceled).
- 17 (Currently Amended). A device as in claim 1, wherein the plunger includes an opening to purge air purge valve from the interior of the receptacle.

18 (Currently Amended). A device as in claim 1, further comprising a stand to hold the receptacle while the mixing element mixes the components of the bone filling material within the interior of the receptacle and while the plunger is advanced through the interior to dispense the bone filling material through the dispenser outlet.

19 (Cancelled).

20 (New). A device as in claim 1 wherein the receptacle includes graduated markings for measurement of the bone filling material within the interior.

21 (New). A device comprising:

a receptacle having an interior for receiving components of a bone filling material in an unmixed condition, the receptacle including a first end region and a second end region oppositely spaced from the first end region;

a dispenser outlet formed adjacent the second end region and communicating with the interior of the receptacle;

a stand disposed adjacent the second end region to hold the first end region upright;

a mixing element sized to be inserted into the interior of the receptacle through the first end region while the stand holds the first end region upright, to mix the components of the bone filling material within the interior of the receptacle, the mixing element also be sized to be withdrawn from the interior of the receptacle through the upright first end region after mixing of the components; and

a plunger sized to be inserted, after withdrawal of the mixing element, into the interior of the receptacle through the first end region for advancement through the interior toward the second end region, to dispense the mixed components of the bone filling material through the dispenser outlet while the stand holds the first end region upright.

22 (New). A device as in claim 21, wherein the dispenser outlet comprises a luer fitting.

23 (New). A device as in claim 21, wherein the plunger includes an opening to purge air from the interior of the receptacle.

24 (New). A device as in claim 21 wherein the receptacle includes graduated markings for measurement of the bone filling material within the interior.